



Pool Supply Unlimited • 1426 E Spruce St • Ontario CA 91761  
888.836.6025 • 888.648.5677 fax

## COMMERCIAL CHLORINATION Pool or Spa Audit Questionnaire

Dealer / Contractor _____	Project Name _____
Address _____	Address _____
City / Prov / State _____	City / Prov / State _____
Postal Code / Zip _____	Postal Code / Zip _____
Phone _____	Phone _____
FAX _____	FAX _____
E-Mail _____	E-Mail _____

### Profile:

- A)** Is this a Pool or Spa? \_\_\_\_\_ **B)** Is this indoor or outdoor? \_\_\_\_\_
- C)** What is the capacity/volume of this project? \_\_\_\_\_ (US Gals, Liters, or Cu Meters)
- D)** Is the project a flat-water pool, wave pool, slide pool, lazy river, or therapy/hospital pool?  
(circle one)  
If yes, how many hours of operation? \_\_\_\_\_
- E)** What is the **minimum** number of hours, per day, the main filter pump operates? \_\_\_\_\_
- F)** What is the **maximum** number of bathers in the pool/spa at any one specific time? \_\_\_\_\_
- G)** What is the **maximum** number of bathers in the pool/spa over the entire day? \_\_\_\_\_
- H)** What is the **maximum** water temperature maintained? \_\_\_\_\_ (°F or °C)
- I)** What are the currently levels for the following Parameters?  
 Total Alkalinity (ppm project) \_\_\_\_\_ Total Alkalinity (ppm source) \_\_\_\_\_  
 Calcium Hardness (ppm project) \_\_\_\_\_ Calcium Hardness (ppm source) \_\_\_\_\_  
 pH (project) \_\_\_\_\_ pH (source) \_\_\_\_\_  
 Total Dissolved Solids (TDS) (ppm project) \_\_\_\_\_ (TDS) (ppm source) \_\_\_\_\_
- J)** How many days per year is the project operational? \_\_\_\_\_
- K)** How often is the project drained? \_\_\_\_\_ When was the project last drained? \_\_\_\_\_
- L)** How is the project currently being sanitized? \_\_\_\_\_
- M)** What quantity of sanitizer is being used? \_\_\_\_\_ per day / week / month (circle one)

I confirm that the above information is complete and accurate, and I understand that it will be used for sizing an Autopilot System for this project.

\_\_\_\_\_ Autopilot Dealer \_\_\_\_\_ Project Manager



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## SIZING BY KNOWN CHLORINE CONSUMPTION

Autopilot Commercial Cells produce the equivalent of 2.5 lbs of chlorine gas per 24 hrs.

2.5 lbs of chlorine gas is equal to:

- 2.75 lbs of Trichlor tablets (stabilized chlorine tablets – 90% available chlorine)
- 3.85 lbs of Calcium Hypochlorite (HTH, Super Shock – 65% available chlorine)
- 4.15 lbs of Dichlor (granular stabilized chlorine – 60% available chlorine)
- 2.5 gallons of Sodium Hypochlorite (Pool store bleach - 10% available chlorine)

If you are sizing a project based upon the pool's historical daily chlorine consumption, you can use the following formulas (take the resulting number and round up). You must use the heaviest chlorine usage to accommodate the worst case scenario. For most projects, this is the Fourth of July holiday.

_____ lbs of Trichlor used daily x 0.72	_____ Autopilot Cells needed
_____ lbs of Calcium Hypochlorite used daily x 0.52	_____ Autopilot Cells needed
_____ lbs of Dichlor used daily x 0.48	_____ Autopilot Cells needed
_____ gallons of Sodium Hypochlorite used daily x 0.8	_____ Autopilot Cells needed

Consult with your local Department of Environmental Health for any specific local regulations concerning Electrolytic Sanitizing methods.